



Indiana Standards for Eljen Geotextile Sand Filter (Eljen GSF) Subsurface Trench Soil Absorption Systems

This standard applies to the Eljen Geotextile Sand Filter (Eljen GSF) subsurface trench soil absorption field system. The use of Eljen GSF system is hereby approved in Indiana by the Indiana State Department of Health (department), under the provisions of 410 IAC 6-8.2-50(g) and 410 IAC 6-10-8, subject to the conditions in this standard.

I. General requirements:

- A. Eljen GSF systems may be used for:
 - 1. Gravity-flow distribution;
 - 2. Alternating field gravity flow distribution;
 - 3. Flood dose distribution; and
 - 4. Pressure distribution.
- B. Eljen GSF systems must be designed and installed according to the *Eljen Geotextile Sand Filter Indiana Design and Installation Manual for Subsurface Trench Systems, December, 2010* in a manner that complies with 410 IAC 6-8.2, *Residential Onsite Sewage Systems* or 410 IAC 6-10, *Commercial Onsite Sewage Systems*, whichever is applicable.
- C. Eljen GSF systems must comply with local ordinances, requirements and procedures.
- D. Revisions to the *Eljen Geotextile Sand Filter Indiana Design and Installation Manual for Subsurface Trench Systems, December, 2010*, must be approved by the department.

II. Application Standards

- A. Eljen GSF systems must be designed and installed according to the manufacturer's requirements, in a manner that complies with 410 IAC 6-8.2 (including site evaluation, system selection and system size), 410 IAC 6-10, this approval, and local ordinances, requirements and procedures.

III. Requirements for local health departments, installers, and owners:

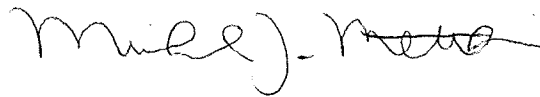
- A. Before a local health department may issue a construction permit for a residential Eljen GSF system, plans and specifications must be submitted which shows that the proposed Eljen GSF system meets applicable provisions of ISDH Rule 410 IAC 6-8.2 and all of the provisions of the *Eljen Geotextile Sand Filter Indiana Design and Installation Manual for Subsurface Trench Systems, December, 2010*.
- B. Before a local health department may issue a construction permit for a commercial Eljen GSF system:
 - 1. A written approval by the department for the Eljen GSF system must be on file in the local health department, or
 - 2. Plan review and approval for the Eljen GSF system has been delegated, in writing, to the local health department for the individual project. Such delegation will be accompanied by a technical data sheet for each project. Plans and specifications must be submitted to the local health department which shows that the proposed Eljen GSF system meets applicable provisions of 410 IAC 6-8-10 and all of the provisions of the *Eljen Geotextile Sand Filter Indiana Design and Installation Manual for Subsurface Trench Systems, December, 2010*.

- C. An Eljen GSF system must not be constructed during periods when the soil is sufficiently wet to exceed its plastic limit.
- D. Construction of the Eljen GSF must proceed based on the approved plan. Any changes, alterations, or additions to the approved plan must be submitted to the department, or the local health department, whichever is applicable, and approved prior to construction.
- E. After construction of an Eljen GSF system:
 - 1. The owner must permit staff of the department and local health department to make observations of the system, and collect samples, at reasonable times.
 - 2. The owner must immediately notify the local health department if the system shows signs of failure as defined in *410 IAC 6-8.2-31*.

Approval for the use of the Eljen GSF system under these standards does not constitute an endorsement of this product.

Approved: December 28, 2010

Effective: December 28, 2010



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